Premier performance. Blu-Ray disc™ support. Professional multimedia tools. Cutting-edge design.

BLU-RAY DISC™ SUPPORT

The VAIO® RC300 desktop is Sony's first Blu-ray Disc™ enabled desktop. This multimedia powerhouse is capable of playing back Blu-ray Disc™ movies[10] in stunning clarity and can store a massive amount of data on a single disc (25GB-single layer, to 50GB-double layer). Also capable of burning HD Camcorder content in its original 1080 high-definition resolution, the VAIO® RC300 opens new doors in the ever-growing world of high definition.

THE POWER YOU NEED FOR THE MOST DEMANDING A/V APPLICATIONS.

Bringing you screaming-fast performance in a whisper-quiet environment. The Intel® Pentium® D dual-core processor delivers robust performance for running multiple, demanding applications simultaneously[8] . Advanced DDR2 memory provides ultra high-speed computing. PCI Express x16 video graphics capabilities enable cinematic-quality effects and color. Plus, the VAIO RC Desktop is designed for expansion, with the capacity for up to an incredible 2TB of storage in multiple hard disk drives to help accommodate a large collection of high-quality media files.

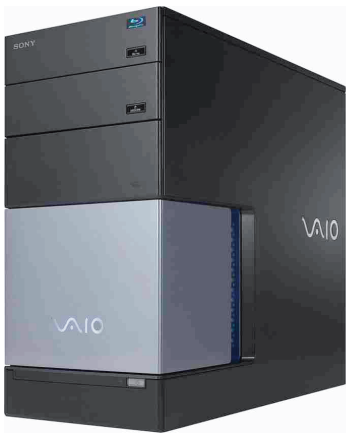
ENJOY THE QUALITY TV VIEWING EXPERIENCE THAT YOU'VE COME TO EXPECT FROM SONY.

Watch and record your favorite shows with Microsoft® Windows® XP Media Center Edition 2005 enhanced by Sony's Giga Pocket® engine. It's convenient and easy with on-screen program listings and navigation. You can even create a digital library for personal viewing at your convenience. The VAIO® RC Digital Studio™ Desktop Computer puts TV on your schedule.

MESSAGING

Capable of playing[10] and writing[11] Blu-ray Disc™ content.
Watch and record high-quality TV with integrated TV tuner and MCE 2005.
Intel® Pentium® D processor with dual-core technology for screaming fast performance. Enjoy thrilling video and gaming performance with NVIDIA® GeForce™ 7600 GT graphics.
Create, manage, edit and archive video, music and photos just like a pro.
Capture and edit high-definition camcorder video.

The VAIO® RC Digital Studio™ Desktop is the ultimate in multimedia computing, delivering Blu-ray Disc™ support[10] and screaming-fast computing performance in a whisper-quiet environment. Easily expandable to adapt to your needs, the VAIO® RC Digital Studio™ Desktop is cleverly engineered to reduce cable clutter while providing easy access to frequently used features.



VGC-RC310G

VAIO® Digital Studio™ Desktop PC

Specifications

General

Computer Type: Desktop
Type of Use: Tower

Processor

Type: Intel® Pentium® D Processor 940
Speed: 3.20GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 4MB (2MBx2)
Technology: Intel® Dual Core

Memory

Type: DDR2
Installed: 2GB (PC2-4200)
Maximum: 2GB
Speed: 533MHz

Hard Drive

Capacity: 300GB [2]
Speed: 7200rpm
Interface: SATA (RAID Ready)

Optical Drive #1

DVD+R DL Write: 8x max.
DVD+R Write: 8x max.
DVD+RW Write: 8x max.
DVD-R Write: 8x max.
DVD-RW Write: 8x max.
CD-R Write: 24x max.
CD-RW Write: 16x max.
DVD±RW: Yes[3]
CD Read: 32x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max. (4.7GB)
DVD-R DL Write: 4x max.
BD-R Write: 2x max.[11]
BD-RE Write: 2x max.[11]
BD-ROM Read: 2x max.[10]
BD-RE Read: 2x max.[10]
BD-R DL Read: 2x max.[10]
BD-R DL Write: 2x max.[11]
DVD-RAM Read: 5x max. (4.7GB)
BD-ROM DL Read: 2x max.[10]

Optical Drive #2

DVD Read: Yes

Expansion Bays

5.25" Half-Height: 2 (occupied)
3.5" (External): 1 (occupied)
3.5" (Internal): 4 (1 occupied)

Expansion Slots

Multimedia Card Reader: Memory Stick®, Memory Stick PRO™, Memory Stick Duo™, Compact Flash® Type I and Type II, Smart Media, SD/ MultiMediaCard™, xD Picture Card®[5]
PCI Slot: 2 (1 available)
x16 PCI Express: One x16 PCI Express (occupied by Graphics Card), One PCI Express x1 (available)

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Graphics

Processor: NVIDIA® GeForce™ 7600GT Graphics
Video RAM: 256MB GDDR3 SDRAM (dynamically allocated shared RAM/video memory)
Chipset: Intel® 945P
Interface: TV-Out, DVI-I Out, DVI-D Out, x16 PCI Express
Format(s) Supported: Giga Pocket® MPEG2 Realtime Encoder board with TV Tuner

Inputs and Outputs

Audio In: 1 (Line In)
Composite Audio/Video Input(s): 2 (1 Front, 1 Rear)
Headphone Jack: 1
i.LINK® Interface: 2 (6-pin Rear/4-pin Front) interface[4]
Microphone Input: 1
Parallel Port(s): 1
PS/2® Port: 2 (Mouse/Keyboard)
S-Video Input(s): 2 (1 Front, 1 Rear)
DVI Output(s): 2 (1 with HDCP)
USB Port(s): 7 (3 Front, 4 Rear) (2.0 compliant)
VGA Output(s): 1 With DVI to VGA converter (not included)
VHF/UHF Input(s): 1
S/PDIF Output(s): 1
Subwoofer/Center Audio Output(s): 1
Analog Audio Output(s): 1 (Front)

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Gigabit Ethernet (RJ-45)
Modem Type: V.90 compatible data/fax modem (RJ-11)

Power

Power Management: ACPI 1.0 Compliant
Power Requirements: 100-240V
Power Consumption: 400W (max.)

Software

Operating System: Microsoft® Windows® XP Media Center Edition 2005 with Update Rollup 2
Internet Services: America Online® 180-Day Trial - For new users only
Anti-Virus and Recovery Software: Norton® Internet Security™ 60-Day Subscription - Norton AntiVirus®, Norton Personal Firewall, Norton Privacy Control, Norton AntiSpam®, Norton Parental Control
TrendMicro™ Anti-Spyware 30-Day Subscription
System Mechanic - 30-Day Trial
VAIO® Recovery Wizard, VAIO® Support Central, VAIO® Security Center, VAIO® Update
Supplied Software: Adobe® Photoshop® Elements
Adobe® Premiere® Elements
Microsoft® Digital Imaging Starter Edition
Microsoft® Works 8.5 with 60-Day Trial Version of Microsoft® Office 2003 (Student/Teacher Edition)[9]
Intuit Quicken® 2005 New User Edition (Previous Quicken Users may require additional upgrade)
InterVideo® WinDVD® BD for VAIO®/ InterVideo® WinDVD®
ULead® BD Disc Recorder
Roxio® DigitalMedia SE
DISCover My Games
Sony® Original Software: Click to DVD® - DVD Creation
SonicStage® Mastering Studio - Audio Mastering & Remastering
DVgate Plus™ - Digital Video
SonicStage® - Digital Music
VAIO Media™ - Network File Sharing
Image Converter - PSP Transfer
60-minute Trial Version of Wheel of Fortune®
60-minute Trial Version of Jeopardy!®

Service and Warranty Information

Telephone Support: 1 Year toll-free technical telephone assistance, available 24-hours, 7-days-a-week[7]
Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service[6]
Online and Email Support: Support available from http://www.esupport.sony.com

Dimensions

Weight: 30.9 lbs. (weight is approximate and may vary)
Measurements: 7.7" (W) x 15.7" (H) x 17.9" (D)

Supplied Accessories

5.1 Channel Speakers
IR Remote Control and Receiver / IR Blaster
Wireless Keyboard and Mouse

UPC Code: 027242696235

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. DVD Media/Formats are not universally compatible.
4. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
5. Does not support Memory Stick media and Memory Stick PRO media using the MagicGate® function. Tested to support Memory Stick PRO media for up to 1GB. Does not support 5.0V SmartMedia media or the ID function of SmartMedia media with IDs. Does not support the SD Memory Card media copyright protection function.
6. When available. Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-base trouble-shooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
7. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
8. Performance will vary depending on specific hardware and software in use.
9. The Microsoft Office 2003 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-user options and operations.
10. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO® computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
11. Video recording to Blu-ray Disc media is done in MP2 format only.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Some pre-installed software titles may not include full documentation. Software titles pre-installed on the Sony Desktop Computer are subject to change without notice. Simulated graphic shown on display. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Weights and measurements are approximate.
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